

# Recovery Plan Action Status

Plan Name: Kuenzler Hedgehog Cactus

Plan Status: Final

Plan Date: 28-Mar-85

Lead Agency: USFWS

Lead Office: New Mexico Ecological Services Field Office

(505)

346-2525 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	1	11	Enforce existing regulations	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Law Enforcement Division, U.S. Forest Service, State of New Mexico, Bureau Land Management , USFWS Regional Office 2	Other: Information and Education, Other: Law Enforcement, Other: Regulations	Internal Technical Assistance, Species Expert	Existing funding
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	1	121	Develop FS and BLM management plans	Not Started			U.S. Forest Service, Bureau Land Management , U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Management: Land Use, Management: Planning	Internal Technical Assistance, Species Expert	Existing funding
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	2	122	Coordinate efforts with State of new Mexico	Ongoing Current	Prior to FY 1995		State of New Mexico, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Acquisition: General, Management: Habitat Maintenance and Manipulation, Other: Regulations	Species Expert	
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	1	131	Protect habitat on private lands	Not Started			U.S. Fish and Wildlife Service, Division of Realty, The Nature Conservancy, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Acquisition: Management Agreement	Species Expert	
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	2	132	Develop and implement habitat management plans	Not Started			The Nature Conservancy, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Management: Habitat Maintenance and Manipulation, Management: Land Use	Species Expert	

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Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	2	21	Inventory for E. fendleri var. kuenzleri.	Ongoing Current	Prior to FY 1995		U.S. Forest Service, State of New Mexico, Bureau Land Management , U.S. Fish and Wildlife Service, Office of Endangered Species, Bureau of Indian Affairs, USFWS Regional Office 2	Acquisition: Lease, Research: Population Surveys	Species Expert	
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	3	22	Investigate genetic relationships	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Genetics, Research: Taxonomic Studies	Species Expert	
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	2	23	Study environmental parameters	Ongoing Current	FY 2000 - FY 2004	FY 2006	U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Habitat Requirements, Research: Habitat Status	Species Expert	
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	2	24	Study population biology	Partially Complete	Prior to FY 1995	FY 2006	The Nature Conservancy, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: General, Research: Population Surveys	Species Expert	
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	2	31	Develop a trade study	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Other Information	Species Expert	
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	2	32	Develop a monitoring study	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Population Surveys	Internal Technical Assistance, Species Expert	
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	2	33	Determine the feasibility of reducing collecting pressure by promoting artificial propagation programs	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Other: Information and Education, Research: Other Information, Research: Propagation	Contract, Species Expert, Volunteer	

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Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	2	34	Develop Law Enforcement strategy	Not Started			U.S. Fish and Wildlife Service, Law Enforcement Division, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Other: Law Enforcement	Species Expert	
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	3	4	Investigate propagation techniques and reintroduction methodologies	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Management: Land Use, Management: Propagation, Management: Reintroduction, Research: Propagation, Research: Reintroduction	Contract, Graduate Student, Internal Technical Assistance, Species Expert, Volunteer	
Kuenzler hedgehog cactus (Echinocereus fendleri var. kuenzleri)	3	5	Develop public awareness	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Other: Information and Education	Contract, Internal Technical Assistance, Species Expert, Volunteer	